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INC.

Geoenvironmental Engineering and Technologies

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December 6, 1990

Mr. Mike Kuntz
Washington State Department of Ecology
M/S PV-11
Olympia, WA 98504-8711

RE: NOVEMBER 1990 PROGRESS REPORT
COLBERT LANDFILL RD/RA

Dear Mr. Kuntz:

Presented herein is the November 1990 Progress Report for the Colbert Landfill RD/RA Superfund Project (Project), which was prepared by Landau Associates, Inc., Spokane County's engineering consultant. It addresses the reporting requirements specified in Section XI of the Project Consent Decree, including:

- A description of remedial action activities commenced or completed during the reporting period
- Remedial action activities projected for the next reporting period (through December 1990)
- Any problems that have been encountered or are anticipated.

1.0 ACTIVITIES COMMENCED/COMPLETED DURING REPORTING PERIOD

Several activities were commenced and/or completed during the reporting period. Most of these activities are related to continuation of the Phase I pilot studies and setup of the onsite meteorological station.

- The South System pilot study was completed. Pumping was terminated on November 5, and water level recovery data were collected through November 12.
- The pilot stripping tower was relocated to the East/West System treatment site, and erected with a 40-foot packed tower height.
- The West System pilot study was initiated on November 13. Pumping was scheduled for termination on November 27. However, a power failure resulted in system shutdown and termination of pumping on November 23. Landau Associates reviewed the pumping test data and concluded that adequate water level measurements were collected for aquifer analysis, making restart of the pumping test unnecessary.
- Installation of the onsite meteorological station was completed. However, instrument calibration is still required, and will be accomplished upon receipt of the calibration equipment from the manufacturer.

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2.0 ACTIVITIES PROJECTED TO BE COMMENCED/COMPLETED DURING NEXT REPORTING PERIOD

As specified in the Schedule for Submittal of Deliverables, the next reporting period extends through December 1990. Anticipated activities for December include continuation of pilot study activities and implementation of the onsite meteorological data collection program. Specific activities anticipated for the next reporting period include:

- Continue Phase I pilot studies. The East System/North Well pilot study will be initiated on December 5, and ground water extraction terminated by December 18.
- Calibrate the onsite meteorological station equipment, contingent upon receipt of calibration equipment (by mid-December).
- Submit the meteorological data collection Quality Assurance Plan (Plan) to EPA and Ecology for review (by mid-December).
- Site activities will be suspended for Christmas week, except collection of water level recovery data for the East System/North Well pilot study.

3.0 ENCOUNTERED/ANTICIPATED PROBLEMS

The only encountered problem was the unscheduled termination of pumping for the West System pilot study described in Section 1 of this report. No problems are anticipated for the next reporting period.

This progress report describes only the primary remedial action activities commenced or completed during the reporting period, and anticipated to be commenced or completed during the next reporting period. There are secondary and peripheral activities associated with the primary activities that are not described herein. If clarification is required for any of the activities presented in this progress report, or if additional information is desired for secondary or peripheral activities, please contact me or Dean Fowler (Spokane County).

Very truly yours,

LANDAU ASSOCIATES, INC.

By:


Lawrence D. Beard, P.E.
Project Manager

LDB/sg
No. 124-01.60
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cc: Neil Thompson, EPA
Dean Fowler, Spokane County
Lyle Diedieker, Ecology and Environment